

Work Order ID 130283

130283

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Item ID: 646.4003 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Cable Cutter System W/O Fixed Provisions
 Start Date: 3/03/15 Start Qty: 1.00 *1* Cust Item ID:
 Required Date: 3/06/15 Req'd Qty: 1.00 *1* Customer:
 Reference:

Approvals: Process Plan: u Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
646.4000	B								
100	Document Control	0.00							
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile & type labels per PPP 646.4003								
110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.00							
Quality Control									

MLJ 1503-18

DAS
46
9-89 MAR 25 2015

(1x)

15/03/15

DAS
06
9-89

(1x)

DAS
46
9-89 MAR 25 2015

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Item ID: 646.4003 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Cable Cutter System W/O Fixed Provisions
 Start Date: 3/03/15 Start Qty: 1.00 ***1*** Cust Item ID:
 Required Date: 3/06/15 Req'd Qty: 1.00 ***1*** Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130		0.00							
130	Packaging								
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP 646.4003								
	Location: <u>16</u> <u>101</u>								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

MAR 26 2015

DAS
86
3-29

ML5 15-03-27

MF

5-3-26

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Work Order ID: 130283

130283

Parent Item: 646.4003

646 4003

Parent Item Name: Cable Cutter System W/O Fixed Provisions

Start Date: 3/03/15

Required Date: 3/06/15

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 12.12.23 NEW ISSUE DD VERF:JLM
15.01.08 AS PER DWG REV.B DD VERF:JLM

IPP REV:B

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
646.3301 *646 3301* Upper Cutter Assy	DAS 46 9-89	Manufactured	No				Each	5.0000		1			
				<u>Location</u>				<u>Loc Qty</u>					
				CCK042				2					
				124729				2					
				CCK046				3					
				122966				1					
				124258				2					
646.3001 *646 3001* Lower Cutter Assy	DAS 46 9-89	Manufactured	No				Each	7.0000		1			
				<u>Location</u>				<u>Loc Qty</u>					
				CCK045				7					
				124733				7					
646.2910 *646 2910* Deflector	DAS 46 9-89	Manufactured	No				Each	16.0000		1			
				<u>Location</u>				<u>Loc Qty</u>					
				CCK050				16					
				123356				16					

DAS 6 9-89
102876
27
3-03

DAS 6 9-89
107402
27
3-03

DAS 6 9-89
106028
27
3-03
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Parent Item: 646.4003

646 4003

Parent Item Name: Cable Cutter System W/O Fixed Provisions

Start Date: 3/03/15

Required Date: 3/06/15

Start Qty: 1.00

Required Qty: 1.00

646.3510

Manufactured No

Each

19.0000

1

DAS

6
9-89

646 3510

DAS
46

Strut

9-89

**

10235/27

Location

Loc Qty

Loc Code

cck101

8

120150

8

cck15a

11

127077

11

646.3511

Manufactured No

Each

16.0000

1

DAS

6
9-89

646 3511

DAS
46

Strut

9-89

**

102891

Location

Loc Qty

Loc Code

cck102

7

120292

7

cck15a

9

127082

9

647.0112

Manufactured No

Each

227.0000

2

DAS

6
9-89

647 0112

DAS
46

Strut Bracket

9-89

**

Location

Loc Qty

Loc Code

CCK109

227

112215

52

122245

31

122871

52

M130388

92

647.7703

Manufactured No

Each

9.0000

2

DAS

6
9-89

647 7703

DAS
46

Strut Assembly

9-89

**

Location

Loc Qty

Loc Code

CCK112

9

128211

9

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Parent Item: 646.4003

646 4003

Parent Item Name: Cable Cutter System W/O Fixed Provisions

Start Date: 3/03/15

Required Date: 3/06/15

Start Qty: 1.00

Required Qty: 1.00

NAS1149F0332P

Purchased

No

Each

4,321.000

120

NAS1149F0332P

DAS

46

Washer

9-89

123900

DAS

6

9-89

Location

Loc Qty

Loc Code

GA

222

122063

222

ST260a

2586

m128401

6

m131026

80

m131697

2500

st268

1513

m130325

1513

MS21042L3

Purchased

No

Each

2,556.000

53

MS21042L3

DAS

46

Nut

9-89

12

DAS

6

9-89

Location

Loc Qty

Loc Code

FP001

420

M130922

420

GA

900

M131317

900

ST305

1236

112385

7

113537

9

116549

18

M131264

463

M131624

739

646.3110

Manufactured

No

Each

7.0000

1

646 3110

DAS

46

Channel

9-89

106 083

DAS

6

9-89

Location

Loc Qty

Loc Code

ckk020

7

126780

7

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646 4003

Parent Item Name: Cable Cutter System W/O Fixed Provisions

Start Date: 3/03/15

Required Date: 3/06/15

Start Qty: 1.00

Required Qty: 1.00

MS24694-S51

Purchased

No

Each

249.0000

5

MS24694-S51

DAS

46

Screw

9-89

**

127432

DAS

6

9-89

Location

Loc Qty

Loc Code

ST289

249

m130928

249

AN3-13A

Purchased

No

Each

76.0000

1

AN3-13A

DAS

46

Bolt

9-89

**

123759

DAS

6

9-89

Location

Loc Qty

Loc Code

CA

5

m129682

5

GA

20

m127070

20

ST349

51

m127070

1

m131305

50

646.3711

Manufactured

No

Each

46.0000

1

646 3711

DAS

46

Clip

9-89

**

93929

DAS

6

9-89

Location

Loc Qty

Loc Code

cck103

46

120626

46

646.3712

Manufactured

No

Each

36.0000

1

646 3712

DAS

46

Clip

9-89

**

161119

DAS

6

9-89

Location

Loc Qty

Loc Code

cck103

36

120630

36

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646 4003

Parent Item Name: Cable Cutter System W/O Fixed Provisions

Start Date: 3/03/15

Required Date: 3/06/15

Start Qty: 1.00

Required Qty: 1.00

646.3811

Manufactured No

Each

33.0000

1

646.3811

DAS

46

Radius Block

9-89

**

106714

DAS

6

9-89

Location

Loc Qty

Loc Code

cck104

33

110717

18

122938

15

AN3-6A

Purchased No

Each

236.0000

2

AN3-6A

DAS

46

Bolt

9-89

**

126192

DAS

6

9-89

Location

Loc Qty

Loc Code

ST338a

200

M130466

100

M131305

100

ST349

36

113288

4

M128739

32

MS24694-S55

Purchased No

Each

160.0000

1

MS24694-S55

DAS

46

Screw

9-89

**

127305

DAS

6

9-89

Location

Loc Qty

Loc Code

ST289

160

m131317

60

m131624

100

646.3610

Manufactured No

Each

13.0000

1

646.3610

DAS

46

Filler

9-89

**

B102275 MAR 16 2015

DAS

6

9-89

Location

Loc Qty

Loc Code

cck103

13

124514

7

127737

6

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Parent Item: 646.4003

646 4003

Parent Item Name: Cable Cutter System W/O Fixed Provisions

Start Date: 3/03/15

Required Date: 3/06/15

Start Qty: 1.00

Required Qty: 1.00

AN3-5A Purchased No

Each 704.0000

AN3-5A DAS
Bolt 46
9-89

**

2
104561

DAS
6
9-89

Location

Loc Qty

Loc Code

CA	135	
m129682	135	
FP001	29	
m130325	29	
GA	540	
m129507	26	
m131420	514	

MS27039-1-12

Purchased No

Each 138.0000

MS27039-1-12
Screw

DAS
46
9-89

**

6
1125654

DAS
6
9-89

Location

Loc Qty

Loc Code

ST285	138	
m128799	38	
m131317	100	

646.3716

Manufactured No

Each 11.0000

646.3716 DAS
Gauge Bracket 46
9-89

**

1
102552

DAS
6
9-89

Location

Loc Qty

Loc Code

cck103	11	
122908	11	

MS20426AD5-7

Purchased No

Each 190.0000

MS20426AD5-7 DAS
RIVET 46
9-89

**

2

DAS
6
9-89

Location

Loc Qty

Loc Code

ST312	190	
101340	190	

2

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Parent Item: 646.4003

646 4003

Parent Item Name: Cable Cutter System W/O Fixed Provisions

Start Date: 3/03/15

Required Date: 3/06/15

Start Qty: 1.00

Required Qty: 1.00

MS24694-S54

Purchased

No

Each

46.0000

2

MS24694-S54

DAS

46

SCREW

9-89

125535

DAS
6

9-89

Location

Loc Qty

Loc Code

ST289

46

m130928

46

MS27039-1-21

Purchased

No

Each

486.0000

4

MS27039-1-21

DAS

46

Screw

9-89

124326

Location

Loc Qty

Loc Code

ST273A

395

m127904

395

ST284

91

m126319

91

MS27039-1-20

Purchased

No

Each

260.0000

2

MS27039-1-20

DAS

46

Screw

9-89

124326

Location

Loc Qty

Loc Code

ST284

260

124326

260

MS27039-1-19

Purchased

No

Each

434.0000

22

MS27039-1-19

DAS

46

Screw

9-89

M123522

Location

Loc Qty

Loc Code

GA

132

m124326

32

m127904

100

ST273A

253

m127904

253

ST284

49

m127904

49

DAS
6
9-89

DAS
6
9-89

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Work Order ID: 130283

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Parent Item: 646.4003

646 4003

Parent Item Name: Cable Cutter System W/O Fixed Provisions

Start Date: 3/03/15

Required Date: 3/06/15

Start Qty: 1.00

Required Qty: 1.00

600.1012	DAS 46 9-89	Purchased	No	Each	35.0000	1	**		DAS 6 9-89
600 1012									
Sealant PR1425B2 (#654 sem)									
				<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>			
				cck017	30				
				m129767	10				
				m131364	20	10/30/15			
				cck018	5				
				m129749	2				
				m130388	3				
					f	216.0000	**	8 feet 125540	
600.0129	DAS 46 9-89	Purchased	No						DAS 6 9-89
600 0129				<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>			
VHB TAPE 75935A651				CCK095	216				
				m131311	216				
600.1013	DAS 46 9-89	Purchased	No	Each	975.0000	5	**	125154	DAS 6 9-89
600 1013									
021200-3M TAPE PRIMER 94 PRIMER 24216				<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>			
				CCK095	975				
				m131145	975	6/15/16			
646.3910	DAS 46 9-89	Manufactured	No	Each	12.0000	4	**	102850	DAS 6 9-89
646 3910									
Shim				<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>			
				cck104	12				
				126228	12				

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Parent Item: 646.4003

646 4003

Parent Item Name: Cable Cutter System W/O Fixed Provisions

Start Date: 3/03/15

Required Date: 3/06/15

Start Qty: 1.00

Required Qty: 1.00

646.3911

Manufactured No

Each 70.0000

1

646 3911

Shim

DAS

46

9-89

99775

Location

Loc Qty

Loc Code

cck023

50

126059

50

cck104

20

118824

8

123075

12

646.3912

Manufactured No

Each 55.0000

4

646 3912

Shim

DAS

46

9-89

103092

Location

Loc Qty

Loc Code

cck104

55

123143

50

126230

5

646.3913

Manufactured No

Each 4.0000

1

646 3913

Shim

DAS

46

9-89

100136

Location

Loc Qty

Loc Code

cck104

4

126058

4

DAS
6
9-89

DAS
6
9-89

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DAS
6
9-89

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Parent Item: 646.4003

646 4003

Parent Item Name: Cable Cutter System W/O Fixed Provisions

Start Date: 3/03/15

Required Date: 3/06/15

Start Qty: 1.00

Required Qty: 1.00

AN3-12A	Purchased	No	Each	189.0000	2	DAS 6 9-89
AN3-12A						
Bolt						

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
-----------------	----------------	-----------------

CA	69	
m129682	69	
GA	40	
m130566	40	
ST349	80	
m130566	80	

MS27039-1-16	Purchased	No	Each	157.0000	2	DAS 6 9-89
MS27039-1-16						
Screw						

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
-----------------	----------------	-----------------

ST285	157	
m130224	57	
m131317	100	

650.9201	Manufactured	No	Each	0.0000	2	DAS 6 9-89
650 9201						
Eyelet Bracket Assembly						

AN44-5A	Purchased	No	Each	54.0000	2	DAS 6 9-89
AN44-5A						
Eyebolt						

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
-----------------	----------------	-----------------

ST339	54	
124241	25	
m123900	19	
m126193	10	

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Parent Item: 646.4003

646 4003

Parent Item Name: Cable Cutter System W/O Fixed Provisions

Start Date: 3/03/15

Required Date: 3/06/15

Start Qty: 1.00

Required Qty: 1.00

AN665-34R

DAS Purchased

No

Each

18.0000

2

DAS

6

9-89

AN665-34R

46

Clevis

9-89

Location

Loc Qty

Loc Code

ST330

18

M131584

18

2

AN4C7A

Purchased

No

Each

172.0000

2

AN4C7A

DAS
46

BOLT

9-89

Location

Loc Qty

Loc Code

ST312A

100

m127363

100

ST345

72

m128634

72

2

NAS1149F0432P

Purchased

No

Each

1,736.000

4

NAS1149F0432P

DAS
46

WASHER

9-89

Location

Loc Qty

Loc Code

ST260a

1000

M131697

1000

st268

736

M128995

63

M131340

673

4

DAS

6

9-89

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Parent Item: 646.4003

646 4003

Parent Item Name: Cable Cutter System W/O Fixed Provisions

Start Date: 3/03/15

Required Date: 3/06/15

Start Qty: 1.00

Required Qty: 1.00

MS21042L4

Purchased

No

Each

3,481.000

2

MS21042L4

DAS

46

Locknut

9-89

DAS

6

9-89

Location

Loc Qty

Loc Code

FP001

42

m124231

42

GA

704

m127813

704

ST260a

1140

m130799

56

m131340

1084

ST305

1595

426

426

m128300

8

m128798

4

m130922

97

m131618

1060

2

AN316C4R

Purchased

No

Each

63.0000

2

AN316C4R

DAS

46

NUT

9-89

DAS

6

9-89

Location

Loc Qty

Loc Code

ST331

63

124561

22

m127584

8

m127618

20

m127838

13

2

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Parent Item: 646.4003

646 4003

Parent Item Name: Cable Cutter System W/O Fixed Provisions

Start Date: 3/03/15

Required Date: 3/06/15

Start Qty: 1.00

Required Qty: 1.00

MS21042-3 MS21042L3 Purchased No

Each 639.0000 2

MS21042-3 DAS

Nut / use MS21042L3

46

9-89

M131264 DAS

6
9-89

Location	Loc Qty	Loc Code
CA	501	
M129682	501	
ST305	138	
M128770	38	
M129541	100	

MS27039-08-13 Purchased No

Each 465.0000 2

MS27039-08-13 DAS

Screw

46

9-89

DAS
6
9-89

Location	Loc Qty	Loc Code
ST273A	346	
124326	346	
ST281	119	
123352	39	
4067	69	
M123185	11	

MS21042-08 MS21042L08 Purchased No

Each 26.0000 2

MS21042-08

USE MS21042L08

DAS
46

9-89

131624

DAS
6
9-89

MAR 16 2015

Location	Loc Qty	Loc Code
ST304	25	
122815	25	
ST306	1	
123185	1	

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Parent Item: 646.4003

646 4003

Parent Item Name: Cable Cutter System W/O Fixed Provisions

Start Date: 3/03/15

Required Date: 3/06/15

Start Qty: 1.00

Required Qty: 1.00

NAS1149FN832P

Purchased

No

Each

4,442.000

4

NAS1149FN832P

DAS
46

Washer

9-89

DAS
6
9-89

DAS
6
9-89

MAR 16 2015

Location

Loc Qty

Loc Code

ST260a

1966

125268

1966

st268

2476

125268

1569

M130388

907

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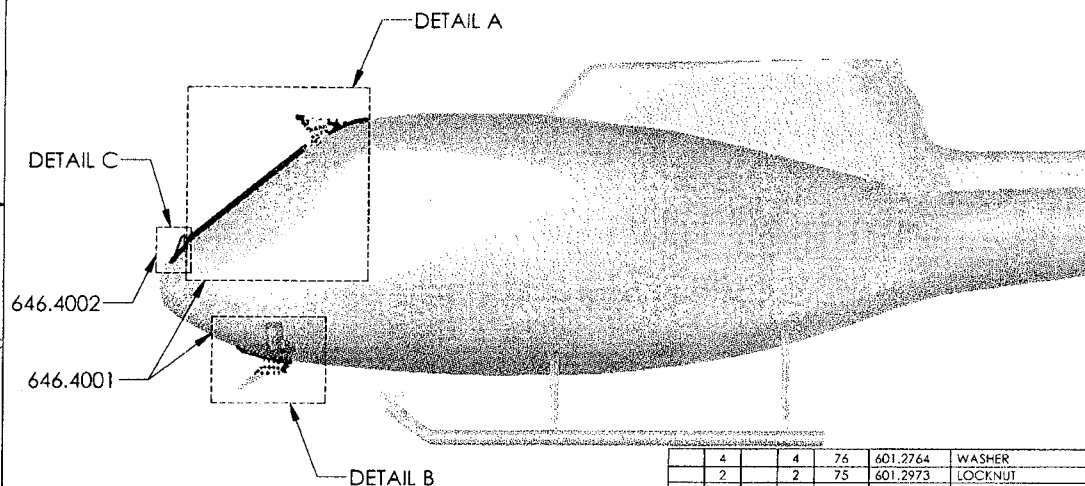
Feb.

DAS
46
9-89

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NOTES:

- 1 AFTER INSTALLATION, APPLY F/N 54 A/R TO FILL GAPS AND FILLET EDGES
- 2 INSTALL F/N 14 WITH F/N 52 & 53
- 3 3M VHB ADHESIVE TAPE .025" THICK X .50" WIDE
VENDOR : MCMMASTER-CARR P/N 75935A651
- 4 3M TAPE PRIMER 94, APPLY TO BOTH SURFACES A/R BEFORE TAPE
VENDOR: R.S. HUGHES P/N 021200-24216
- 5 REUSE FASTENERS FROM F/N 1
- 6 USE WASHERS AS REQUIRED AS SHIMS TO OBTAIN BEST FITMENT
- 7 AT CUSTOMERS OPTION, INSTALL F/N 65 BY MATCH DRILLING ONTO F/N 1



	QTY	PART #	DESCRIPTION	MATL	SPEC
	4	76	601.2764 WASHER	NAST149FB82 P	
	2	75	601.2973 LOCKNUT	M521042-08	
	2	74	601.2988 SCREW	M527039 0813	
	2	73	601.2943 LOCKNUT	M521042-3	
	2	72	601.3128 NUT	A9316C4R	
	2	71	601.3209 LOCKNUT	NAST104B3 A	
	4	70	601.2638 WASHER	NAST109D102 P	
	2	69	601.2669 BOLT	AN6C7A	
	2	68	601.3119 CLEVIS	AN665-34R	
	2	67	601.3121 EYE BOLT	AFH4-SA	
	2	66	650.9201 EYE BRACKET ASSY		
REF	REF	64	647.5701 GPS MOUNT KIT		
	6	64	601.3151 WASHER	NAST109FF82P	
	2	63	601.2911 SCREW	M524649453	
	2	62	601.2637 SCREW	M527039-116	
	2	61	601.2763 BOLT	A93-12A	
	1	60	646.3913 SHIM		
	4	59	646.3912 SHIM		
	1	58	646.3911 SHIM		
	4	57	646.3910 SHIM		
	5	56	600.013 PRIMER		
.4006	.4003	.4002	FIND #	DESCRIPTION	MATL SPEC

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INCORPORATED ECNS 02199, 02351, 02197 & 02765	02/08/2010	P. BRAVO
B	INCORPORATED ECN 03046, 03077 & 04731	11/04/2014	P. BRAVO

	8 FT	BFT	55	600.0129	VHB TAPE		
	1	1	1	600.1012	SEALANT		PR-142 CLASS F
	1		1	600.0991	MAGNABOND 6398 PART B		A43-A
	1		1	600.0990	MAGNABOND 6398 PART A		A43-11A
	10		10	51	BOLT		
		2	50	600.3814	WIPER BRACKET		
2		2	49	601.2910	SCREW	M527039-1-I8	
2			2	48	601.1365	SCREW	M527039-1-I10
	2		2	47	646.3719	DOUBLER	
1		2	46	646.3718	CUSTOM WASHER		
			45	646.3717	DOUBLER		
	22	2	22	44	601.1948	SCREW	M527039-1-I19
	2		2	43	601.1952	SCREW	M527039-1-20
	4		4	42	601.1956	SCREW	M527039-1-21
	2		2	41	601.2829	SCREW	M52469452-F
2	2		2	40	601.2831	RIVET	M520426A05-F
	1	1	39	646.3716	GAUGE BRACKET		
	6		6	38	601.1953	SCREW	M527039-1-I12
2		2	37	646.3715	STRUT DOUBLER		
	2		2	36	601.2824	BOLT	
36		36	35	601.2217	RIVET	CCFPM453-S07	
18		34	34	600.0795	NUT PLATE	M527047-3	
3		3	33	601.2545	STRUT	M520470AD5-7	
1		1	32	646.3813	RIVET BRACKET		
4		4	31	601.2822	BOLT	AN3-3A	
2		2	30	646.3812	GUSSET BRACKET		
8		8	29	601.2564	RIVET	M520470AD5-6	
1		1	28	646.3714	GUSSET		
	1		27	646.3610	FILLER		
	1		26	601.2830	SCREW	M52469455S	
	2		25	601.2825	BOLT	A43-GA	
	1	1	24	646.3811	RADIUS BLOCK		
	1		23	646.3712	CLIP		
	1		22	646.3711	CLIP		
8		8	21	601.2832	RIVET	M520470AD5-5	
14		14	20	601.2020	RIVET	CR3313-5-3	
10		10	19	601.2823	BOLT	AN3-A	
	1		18	601.2827	BOLT	AN3-13A	
	5		5	601.2912	SCREW	M52469455I	
	1		1	646.3713	GUSSET		
	1		1	646.3210	SUPPORT		
	1		1	646.3710	DOUBLER		
	1		1	646.3110	CHANNEL		
8	53	6	61	12	601.1624	LOCKNUT	M527042C13
18	120	16	138	11	601.1607	WASHER	M521149D32P
		1	10	646.3410	LH WIPER DEFLECTOR		
		1	9	646.3411	RH WIPER DEFLECTOR		
	2		2	8	647.7703	STRUT ASSY	
	2		2	7	647.0112	STRUT BRACKET	
	1		1	6	646.3511	STRUT	
	1		1	5	646.3510	STRUT	
2		2	4	646.3810	BRACKET		
	1		1	3	646.2910	DEFLECTOR	
	1		1	2	646.3001	LOWER CUTTER ASSY	
	1		1	1	646.3301	UPPER CUTTER ASSY	
X				646.4004	FIXED PROVISION KIT		
	X			646.4003	CABLE CUTTERS KIT WITH OFFSETS		
		X		646.4002	PROXIMA AS350 WIPER DEFLECTOR KIT		
				646.4001	AS350 CABLE CUTTERS KIT		
4002	4003	4002	4001	FIND #	PART #	MATL	SPEC.

QTY	ORIGINAL DATE	PARTS LIST	
NEXT ASSY (S)	MISC. DATE 09-27-08	APICAL INDUSTRIES	
	DRAWN BY CINCIES	2608 TEMPLE HEIGHTS DR.	
	S. HOFF	OCEANSIDE, CA. 92056-3512 (760)724-5300	
	REVISED BY B. HAVARD		
	DRAWING APPROVAL		
	BY SAO		
	DATE 09-27-08		
	COMPACT NO.	AS350 CABLE CUTTERS KIT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 1 PRACTICE DIMS 10 2 PRACTICE DIMS 1000 3 PRACTICE DIMS 10000 4 PRACTICE DIMS 100000			
UNIT	CAGE CODE	QTY	REV.
B	07M46	646.4000	B
SCALE: NONE		SHEET 1 OF 4	